

BRANTFORD  
SECTIONAL  
BUILDINGS



BRANTFORD  
CANADA





*Summer Residence, with Brantford Sectional Garage, Port Dover, Ont.*

# BRANTFORD SECTIONAL BUILDINGS

—  
*Their Adaptability and Economic Features*  
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SCHULTZ BROTHERS CO.,  
Limited  
BRANTFORD : CANADA

Established 1869



*Bungalow at Country Club, Guelph, Ontario*



# INTRODUCTORY

**T**HIS TREATISE is a simple, non-technical booklet embracing the features of adaptability, construction, quality and illustrating various types of *Brantford Sectional Buildings* factory built, for proficiency, portability and permanence.

The manufacture of Sectional buildings was entered into by this Company after an experience of more than fifty years in general building construction had shown the need of such a type of construction ready made, easily transported, quickly erected, for both the emergent and casual requirements in the domestic, industrial, educational and religious life and activities of the community.

The Company's long experience in general construction has resulted in a thorough knowledge of the appreciation for and sure returns from efficient service that gives quality in workmanship and materials. This knowledge has been the potent factor in the development and perfection, throughout a period of more than ten years, of a finished and high grade product in the form of the "*Brantford Sectional Buildings*" distributed in increasing quantities to satisfy an ever growing demand, due to a nationally broad recognition of their superior merits.

## *Adaptability*

**N**EW USES are continually being demonstrated to which the *Brantford Sectional Buildings* are found to be readily adaptable. Those most prominent in demand follow:

Cottage Homes and Bungalows for city suburbs, rural districts, summer resorts, industrial housing in factory areas, on farms, in mining districts and newly settled communities.

Automobile Garage buildings to house one or more cars, for use at private homes, hosteries, factories, church and school properties, exhibition grounds, public resorts, etc.

Store buildings, Restaurants, Barber Shops, Bowling Alleys, Refreshment Booths and Offices. In these are they particularly adapted for use in newly opened districts.

Branch Bank buildings for outlying points.

Church and Mission buildings, Social Service Work, Salvation Army, Y.M.C.A. and Y.W.C.A., auxiliary huts and Hostess Houses.

School buildings for City overflow districts, Suburbs, Rural Sections, Fresh Air Cottages, Emergency Hospitals and Isolation Wards, Mess Rooms and Bunk Houses.

Boat Houses for Launches, Row Boats, Canoes, Etc.

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**B R A N T F O R D   S E C T I O N A L   B U I L D I N G S**

Exhibition Booths, Agricultural out buildings, Implement Sheds, Poultry Houses, Canadian Fire Underwriters Standard Hose Houses.

Child's Play Houses, Hunters' Cabins and Shacks, Construction Offices and Tool Sheds.

By no means are *Brantford Sectional Buildings* solely put to temporary use. Large numbers have been in continuous use for various purposes under all climatic conditions for a number of years, with highly satisfactory results.

Buildings procured for temporary use may be readily converted into permanent structures placed upon masonry foundations with provision for basements, and interior of walls lined with wall boards, sheathing lumber or plaster.

## *Distinctive Features of Construction*

THE OUTSTANDING FEATURE of the construction is the Sectional unit.

For foundations cedar posts are most frequently used, this feature is governed by nature of ground.

The sills, floor, walls, partitions, roof, gables, etc., are in standard sections, compact and ready for fitting and bolting together. All door, window and wall sections are interchangeable, permitting of numerous layouts to suit varied locations.

The doors are already hung into the door sections, the windows already supplied with glass, screens and blinds. One does not handle a window, but a section, which has a window completely fitted with glazed sash and hardware.

All sections may be readily dismantled, transported and re-erected if occasion requires. Good and proper grades and kinds of materials are carefully selected in the manufacture, with the result that all buildings are of high character.

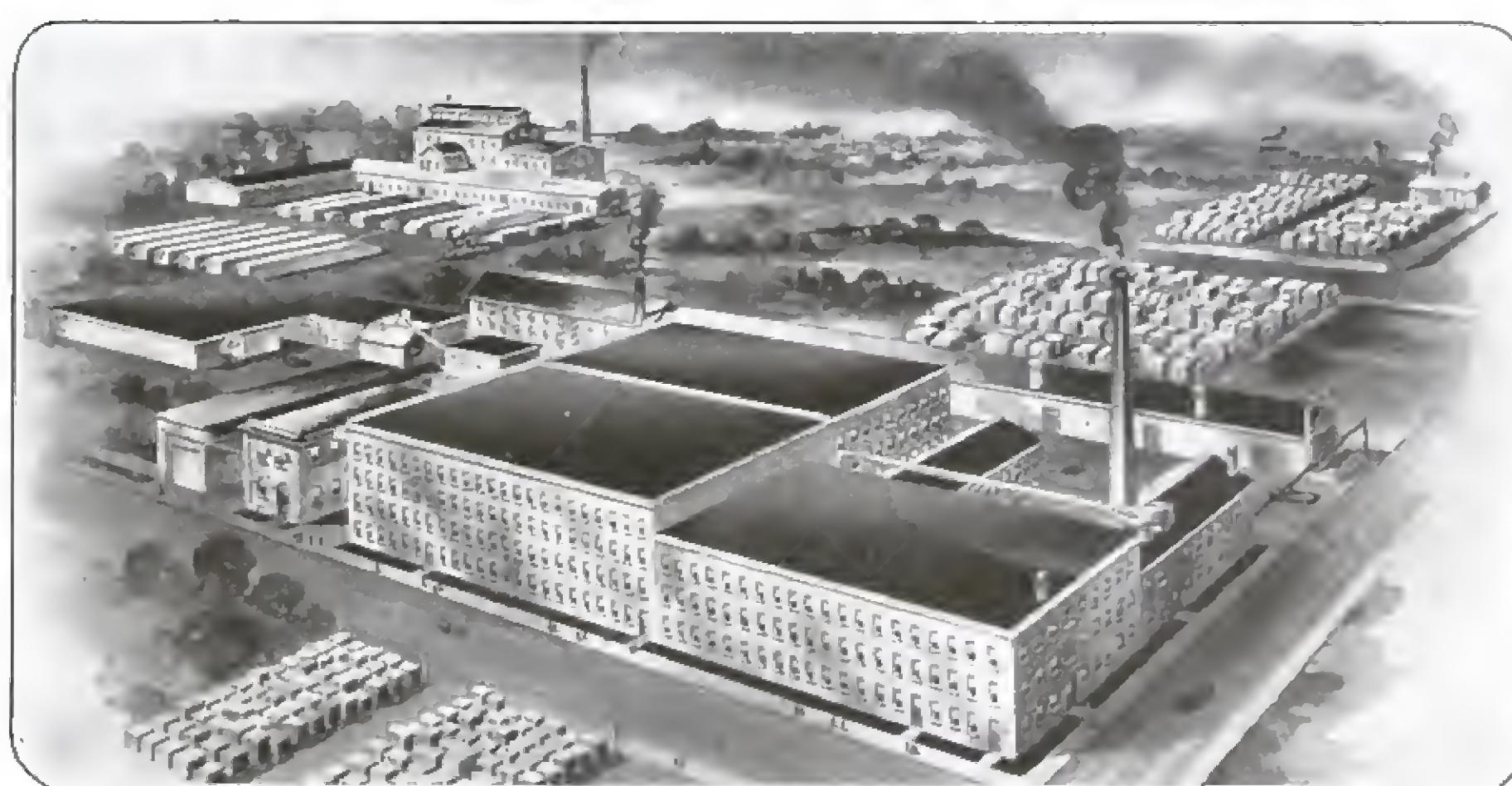
*Brantford Sectional Buildings* combine strength, sanitation, durability, artistic appearance, portability, permanence, are light in weight, yet give absolute security, being thoroughly proof against the elements.

Sectional Buildings eliminate waste in material and conserve the purchaser's time, thought and energy.

**M**ANUFACTURING FACILITIES enable us to make quick shipment from stock of standard types. Factory work insures accuracy--extras and errors are avoided.

Railroad facilities of Brantford provide direct shipping to practically all domestic points. The Grand Trunk Railway System, Canadian Pacific Ry., Toronto, Hamilton & Buffalo, Michigan Central, Lake Erie & Northern and Brantford & Hamilton Electric Rys. all have inter-switching arrangements with our factory sidings.

The centralized location of Brantford gives, at moderate transportation cost, easy accessibility.

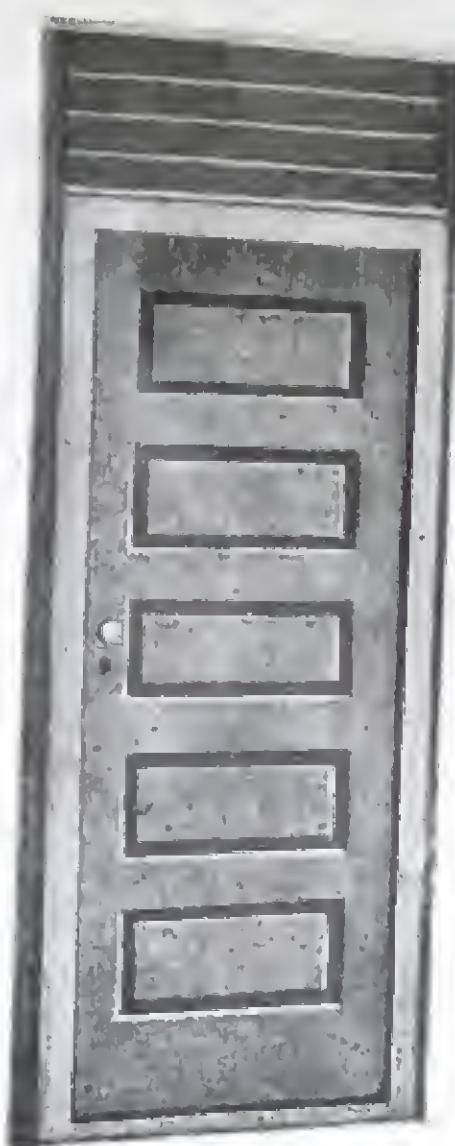


*Where "Brantford Sectional Buildings" Are Made*

**SCHULTZ BROTHERS CO., LIMITED, BRANTFORD, CANADA**



*Types of Standard Interior  
Door Sections*



*Window Section with Exterior  
Blinds Attached*

## *Specification of Structural Units*

THE WIDTH of all outside wall sections is 3' 2". This necessarily becomes the unit in outside dimensions of all buildings. A building five sections wide and eight sections long would thus be 15' 10" wide and 25' 4" long.

Owing to roof loads, width of buildings is limited to 25' 4".

Plain wall sections are interchangeable with door and window sections.

FOUNDATIONS are most frequently of cedar posts, where nature of ground permits, set to instructions. Wood planks, timber or masonry may be used as conditions warrant.

SUBSILLS of 2" x 6" stock are set on foundation posts. These aid in anchoring building, making level and support the floor joist.

SILLS AND FLOOR JOIST—Sills are 3" x 6" prepared for bolts at corners and for splices where necessary. These are prepared to receive joist anchors. Sills are grooved to receive and secure foot of wall sections. Floor Joists are 2 x 6 placed at 16" centres and are held in place by iron anchors without nailing, resting also on subsills.

FLOOR SECTIONS are 3' 2" wide of  $\frac{7}{8}$ " tongued and grooved pine or spruce, battened arranged for placing on joists without nailing. Double floors with insulation paper between are used with lined buildings when required.

GARAGE FLOOR SECTIONS are similar, of  $1\frac{1}{8}$ " material.

OUTSIDE WALL SECTIONS are  $\frac{7}{8}$ " thickness dressed and matched siding of special design secured by inside and outside battens, so placed as to form lock joint between sections. Width 3' 2", height 8'.

STANDARD COTTAGE WINDOW SECTIONS have a window 2' 6" wide x 3' 3" high, having French casement sash, glazed, hinged, in pairs, swinging in and secured with fasts. Provision is made for full size wire sliding screens and for outside blinds which are accessories. For export, glass and putty are packed in cases.

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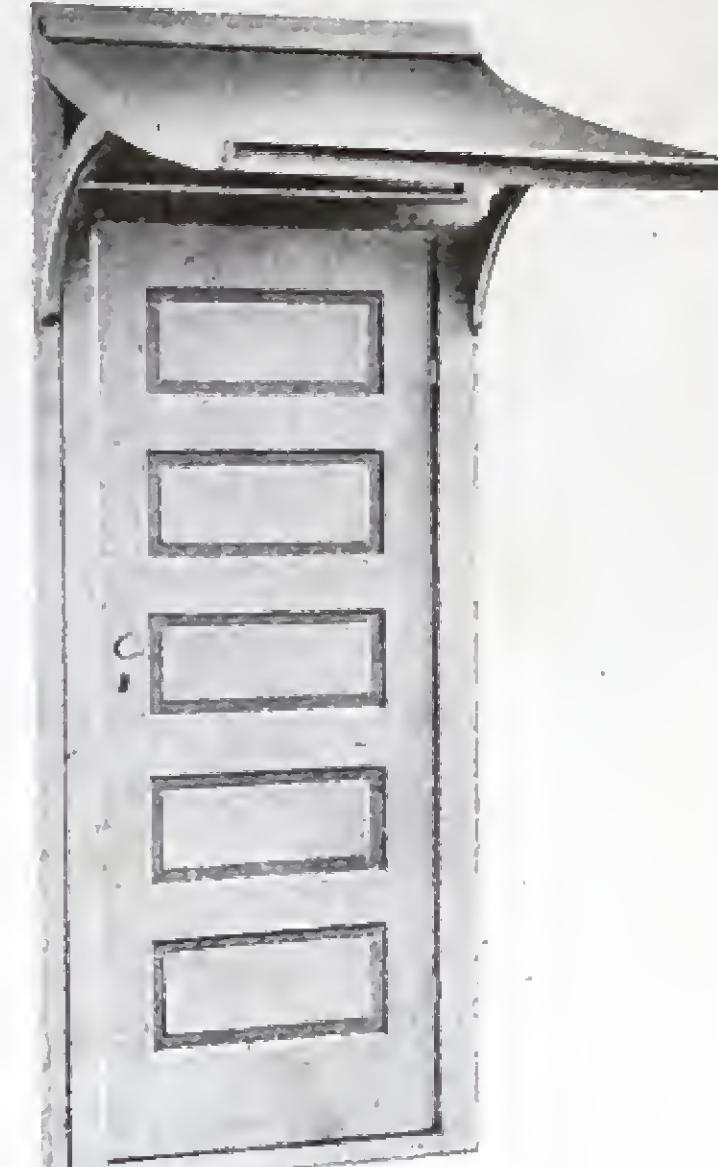
BRANTFORD SECTIONAL BUILDINGS



*Double French Casement Door Section*



*Standard Solid Door Section with Screen Door Attached*



*Church or Office Door Sections Are Furnished With a Hood*

FRESH AIR WINDOW SECTIONS have an opening 2' 6" wide x 3' 3" high fitted as desired with shutters and screens or sash. Sashes are single but resembling our standard windows hinged at bottom to swing in. Shutters are of dressed and matched boards hinged at top to swing up and out supported with iron braces to form awnings.

SPECIAL WINDOW SECTIONS for store and office buildings, poultry houses, are supplied to give greatest utility in the special requirements of these lines.

OUTSIDE DOOR SECTIONS are fitted with panel doors 2' 6" x 6' 2" x 1 $\frac{3}{8}$ " hinged and with hardware complete, size same as wall sections.

HALF GLASS DOOR SECTIONS are supplied with square glass at top for rooms requiring additional light.

FRENCH CASEMENT DOOR SECTIONS, either single or in pairs, are supplied when desired. Glass is full length, divided into 8 lights each door.

CHURCH AND OFFICE DOOR SECTIONS are furnished with bracketed hood for either single or double door section.

GARAGE DOOR SECTIONS measure 8' x 8'. Doors are 1 $\frac{3}{8}$ " thick, each having nine lights, glass 10" x 12". Special section are furnished to form supports for doors and to complete fronts of garages.

INSIDE WALL OR PARTITION SECTIONS are similar to outside wall sections and are of same height and are interchangeable. If partitions are desired full height to roof, upper panels are supplied.

INSIDE DOOR SECTIONS are furnished with cross panel doors 2' 6" x 6' 2" hinged and with good latch lock.

END GABLE SECTIONS are furnished full width of building, provided for a roof pitch of 9" rise to width of each wall section. Gables are fitted with small hinged sash windows with catches for opening to provide ventilation.

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SCHULTZ BROTHERS CO., LIMITED, BRANTFORD, CANADA

CLOSED ROOF TRUSSES are supplied for support of roof when same are set for cross partitions. These are of tight board sheeting.

UPON ROOF TRUSSES may be supplied and are of open frame work, for similar purpose.

INTERIOR TIMBER ROOF TRUSSES are used when width of building necessitates. These are supported on side posts and brackets and securely bolted.

WALL PLATES, size 3" x 4" are set on top of wall sections, bolted at corners, spliced where necessary, grooved to secure both wall and roof sections.

ROOF SECTIONS are of  $\frac{3}{8}$ " matched boards 3' 2" wide running full length from ridge to eaves. This boarding is covered with three-ply Brantford green or red Slate Roofing. Roofs are absolutely weather-proof and fire-proof.

RIDGE of building runs full length, spliced when necessary, secured to end gables, grooved to hold upper end of roof sections.

PURLINS in the wider buildings—these run lengthwise from end gables supported on trusses to give added support to roof sections.

RIDGE BOARDS of standard design are set over top joints of roof sections to make perfectly tight and weather proof.

LEAN-TO ROOF SECTIONS are used for roof of kitchen or shed when these are desired to be adjacent to the main building.

CORNER BOARDS are supplied to fit over wall section joints at outer corners of buildings.

OUTSIDE STEPS are supplied 4 ft. long with all buildings for exterior doors. Steps at Verandas are supplied in width for one, two or three sections.

CHIMNEY STACKS of galvanized iron are provided in quantity as the size of building requires. These are sufficiently long to obtain proper draft in relation to roof and are equipped with safety collars and flashing at roof as fire and weather protection.

GARAGE BRIDGE or runway of 2" planks making proper approach to doors for cars is included with garage buildings.

PAINTING—The exterior of all buildings is given one primary coat white lead and oil unless special order is received for further treatment.



*Bungalow, Thedford, Ont., A. H. Smith*

## BRANTFORD SECTIONAL BUILDINGS

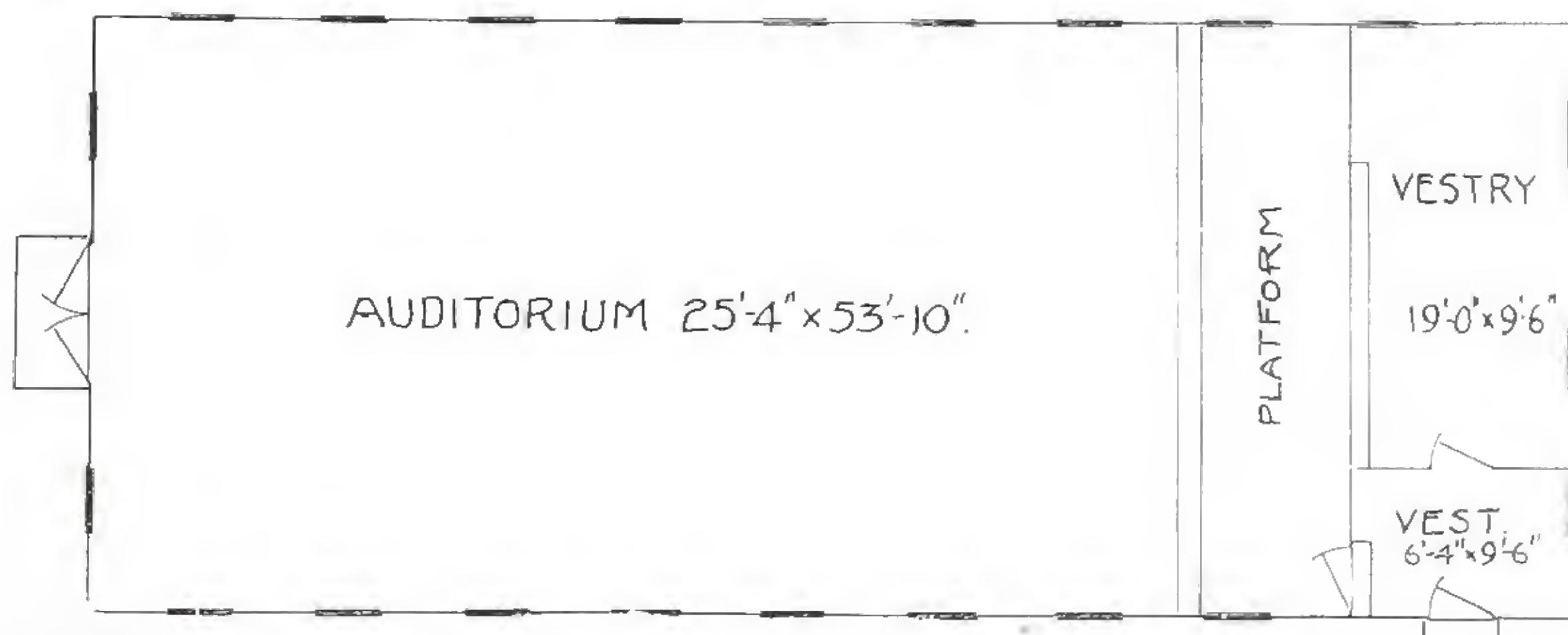


## CHURCHES, MISSIONS, ASSEMBLY HALLS

### CHURCH BUILDING AT MONTREAL QUEBEC

For Presbyterian Church, Cor. Ontario and Joliette Streets. Rev. W. R. Cruikshanks,  
Minister

Brantford Sectional Buildings solve in many cases a vexed problem for suburban churches and missions, as they may be erected on rented or temporarily vacant land and be easily removed to another site. Such buildings are attractive in appearance, roomy, comfortable and adapted for use at all seasons of the year.



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INTERIOR VIEW, PRESBYTERIAN CHURCH BUILDING  
MONTREAL

*Rev. W. R. Cruikshank*



*Methodist Mission Building, Toronto, illustrating use of Brantford Sectional Building of this type in continuous use with perfect satisfaction throughout winter.*

**BRANTFORD SECTIONAL BUILDINGS**

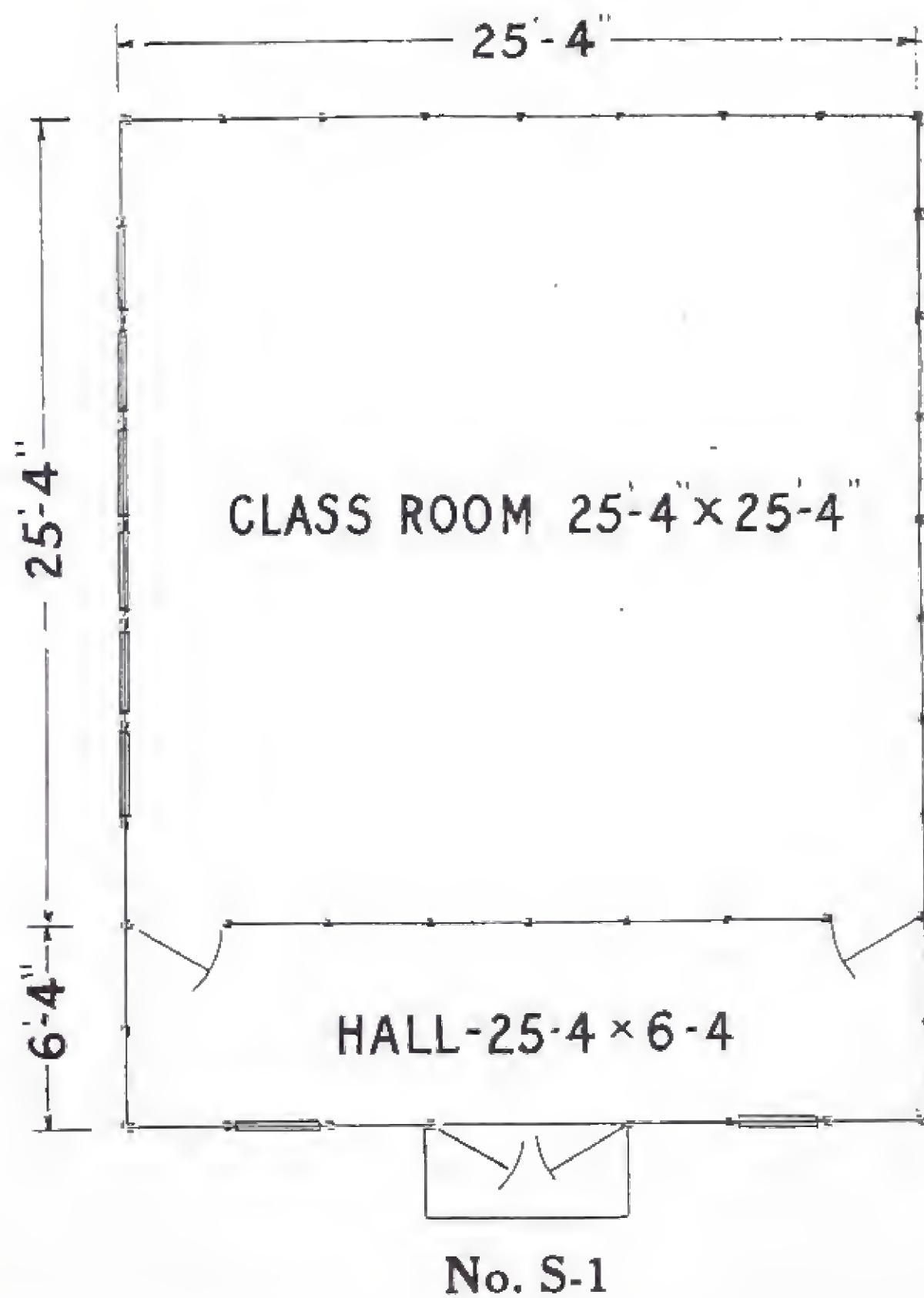


### SCHOOL BUILDING, WINDSOR ONTARIO.

*Situated on Assumption St. Windsor Board of  
Education*

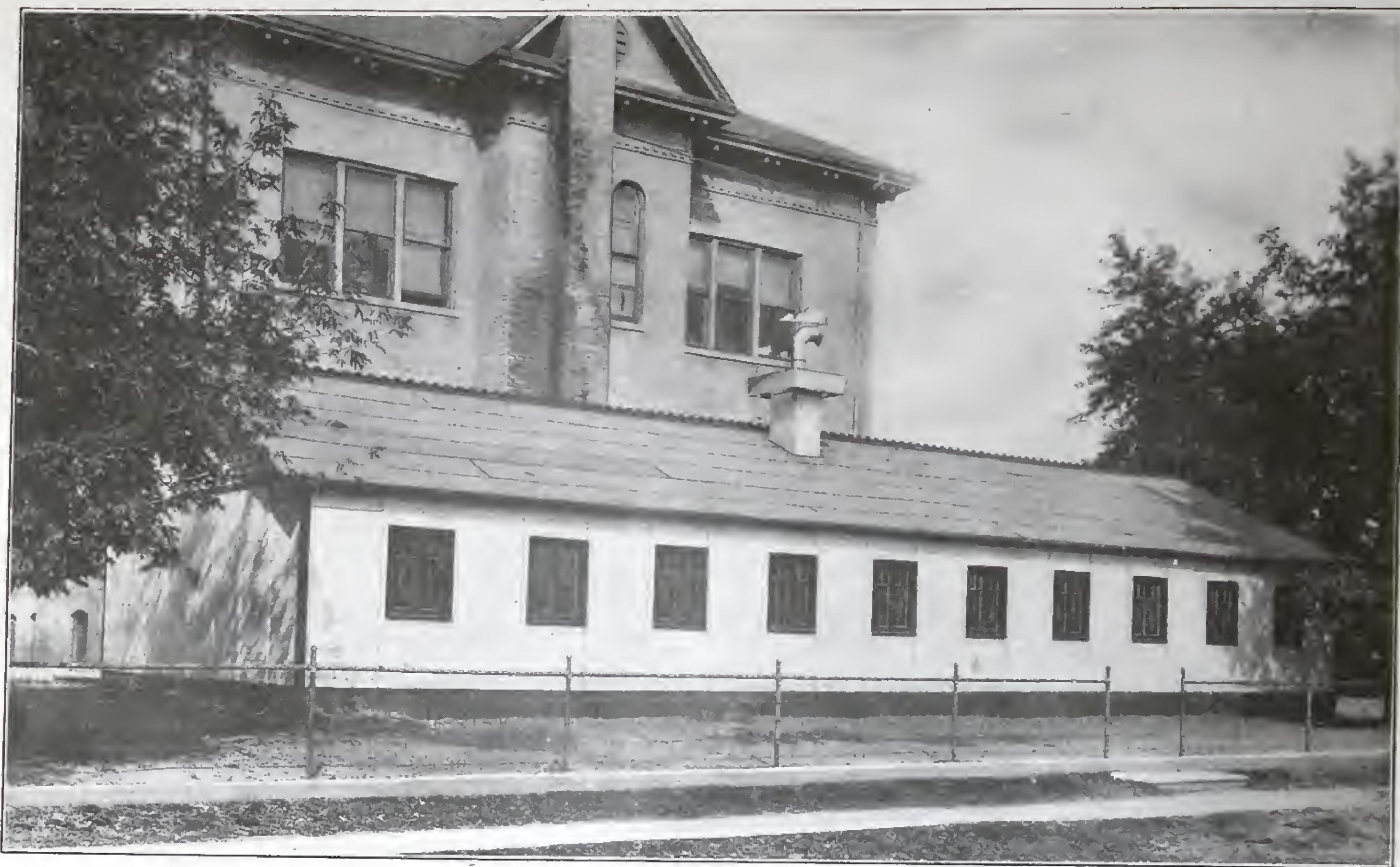
The above illustrates a type of one room school, providing ample accommodation for at least 40 pupils, with cloak room and class room.

Brantford Sectional School Buildings of this type provide a community with a school at very moderate cost, one that is well ventilated, bright and cheerful. They can be procured on short notice and be quickly erected and may be readily removed to a new location or sold when conditions warrant a larger or more permanent building. Note placing of window sections to give continuity of light,



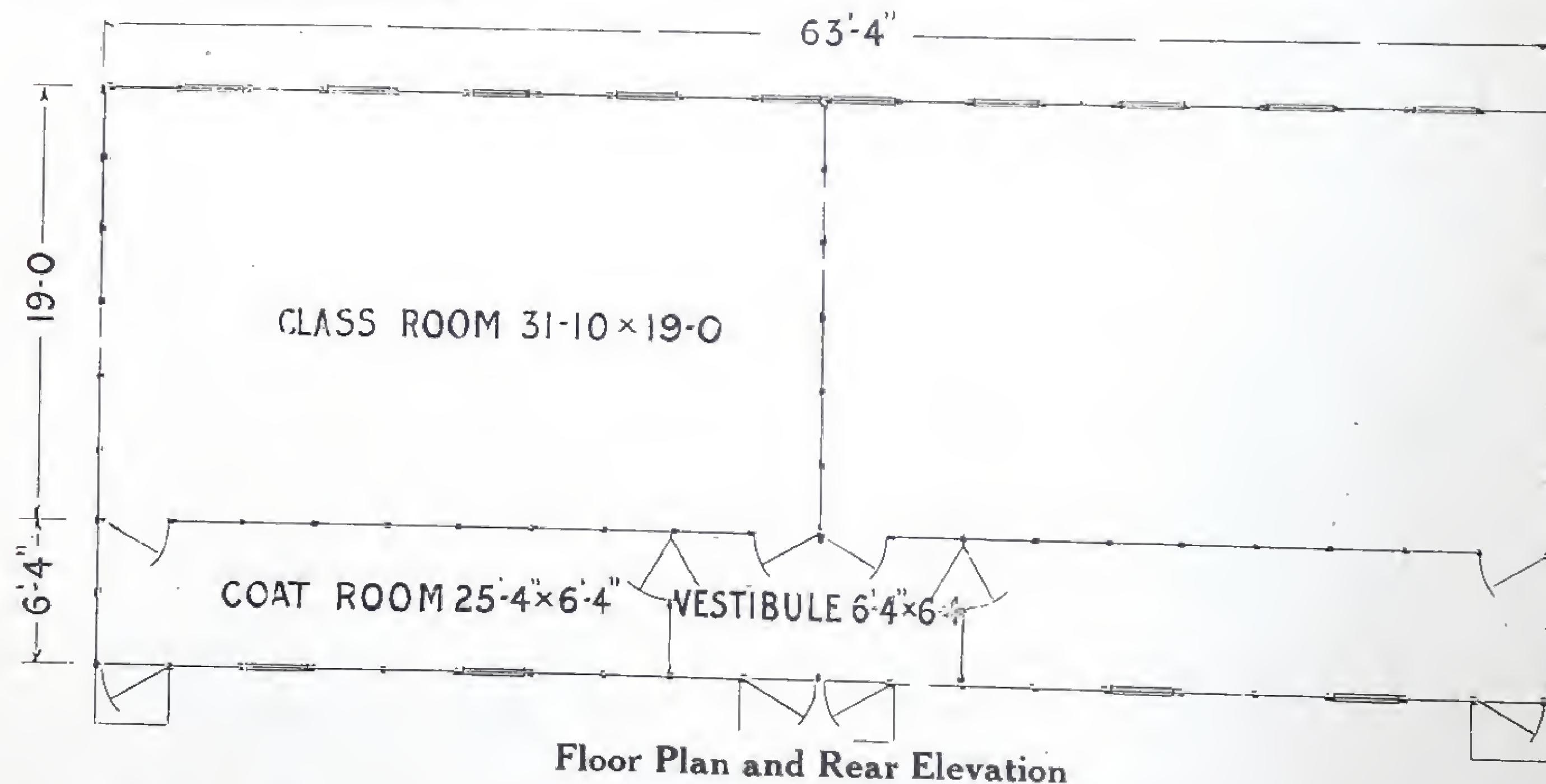
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SCHOOL BUILDING, (ANNEX) BRANTFORD, ONTARIO  
*Location—Huron St. Brantford Board of Education*

Type of two room school placed to care for the overflow of pupils in this district. It will be noted in this design that cloak rooms are placed at side of class rooms with vestibule giving access to both cloak rooms and class rooms.



Floor Plan and Rear Elevation

**BRANTFORD SECTIONAL BUILDINGS**



SCHOOL BUILDING, HAMILTON, ONTARIO  
:: *Roman Catholic Church. Rev. Father Inglert* ::

This building is situated on Barton St., between Sherman and St Ann's Sts.  
Floor plan shows class rooms in each end of building with cloak room  
across centre, giving entrance and exit from either side.

Brantford, March 7th, 1918

DEAR SIRS:

*On behalf of the Board I desire to express our very great satisfaction at  
the Two Room Portable School building which your Company has lately com-  
pleted on the premises of King Edward School.*

*Not only are the Board well pleased but the teachers and scholars and  
parents are of the same opinion.*

*Consequent upon the present abnormal conditions both as to labor and  
material and the high rates of interests prevailing, this Board is of the opinion  
that schools of this class are very much cheaper than attempting to build  
permanent structures.*

*Yours Truly,*

*(Signed) ARTHUR K. BUNNELL, Sec'y,  
Brantford Municipal Bd. of Education.*

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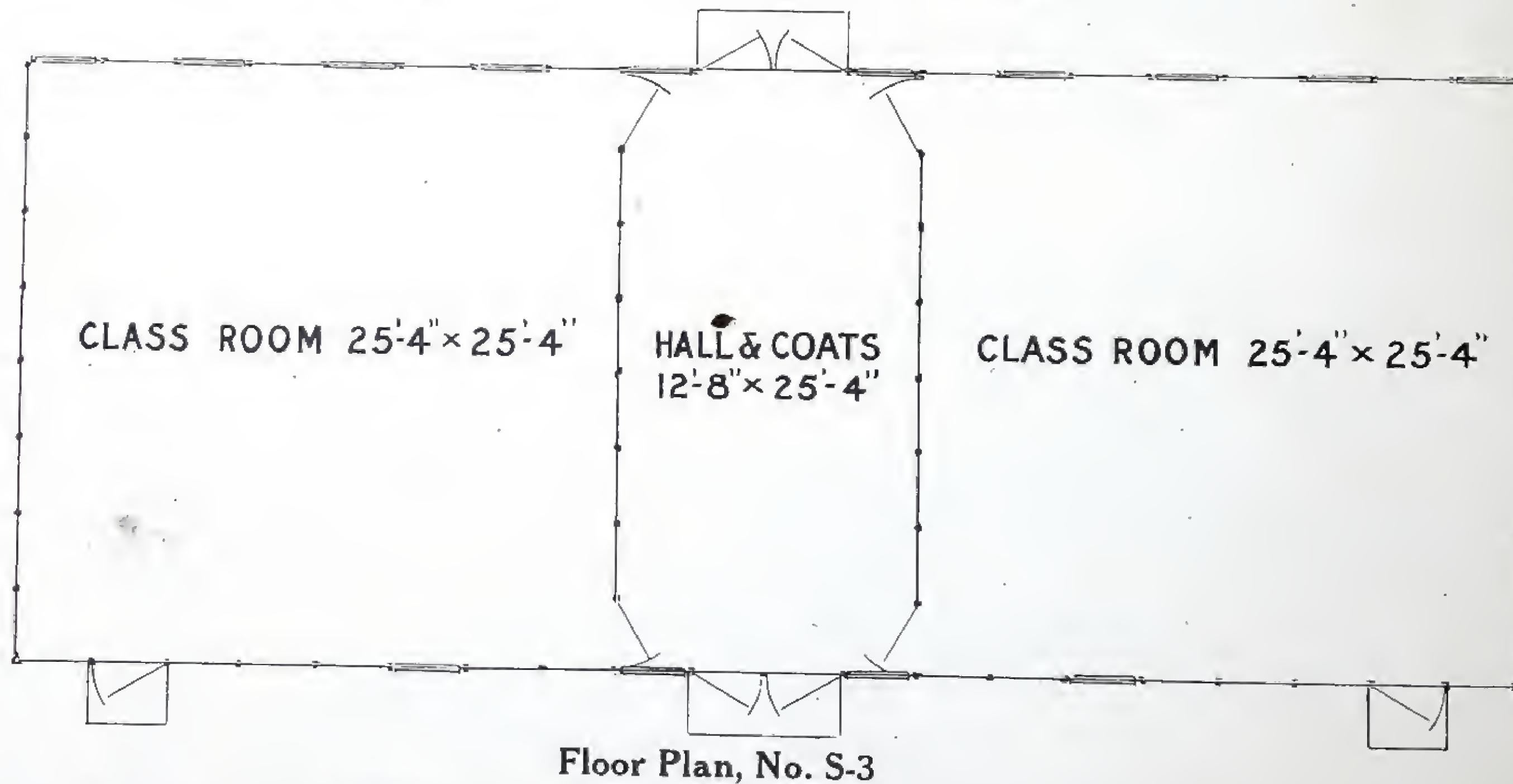
SCHULTZ BROTHERS CO., LIMITED, BRANTFORD, CANADA



SCHOOL BUILDING, HAMILTON, ONTARIO

*Roman Catholic Church*

Rear View showing separate exit from each class room, also combined ventilation and chimney of special type for Brantford Sectional Buildings.



Floor Plan, No. S-3

**BRANTFORD SECTIONAL BUILDINGS**

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